Job. Code:- 017-20-000015
P-Code:- P0298.

M. A. R. 57 (Rule 116)
Measurement Book
No. E 371928

Serial No.
Name of work "providing Electrical maintenance and repairs to park lightings and other installation at JP-park ward NO:-17 of RR-Nagar zone" From To
Name of Contractor of nature of Agency M/S prema Electrical Enterprises.
Date of commencement of work. From:- 08-10-2021 TO 05-04-2022

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
1)	providing services of Clerck/Complifter operator & Skilled electrician (For-6 Months) Dept of labour. Ref:-KAE-71LWA2015 Dated:- 04-08-2016,						
	→ 1 person x 6 Months x 13300=00 = 79800=00						
2)	Wiring for Lighting/power circuit using one of FRLS-PVC-insulated 1100 grade, multistrand copper wire Wills specified IS-694 confirming to Latest amendments, 1.5 Sqmm						
	→	295m x	20=00	= 5900=00			
(2a)	2.5 Sqmm →	198m x	31=00	= 6138=00			
(2b)	4 Sqmm →	180m x	44=00	= 7920=00			
(2c)	6 Sqmm →	150m x	69=00	= 10350=00			

C&RC
Sanctioned
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MEASUREMENT

Date	Full description, etc, of work	Dimensions				Contents	Ref. to Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
4,	Supplying and Fixing Miniature ckt breaker as existing boards - Confirming to IEC-60898, 20 Amps. SP-						Meb.
	→ 8 NOX	1330	00	=	10640	00	
(4a)	40 Amps - SP → 8NOX	710	00	=	5680	00	
(4b)	50-63 A - TPN → 4NOX	2350	00	=	9400	00	
(5)	Supply and fixing of 4Pole power contactor with NO/NC-Contact on existing wood / Panel Board - complete with AC-3, Ratings as per IS-13947-100 A- → 6NOX	4190	00	=	25140	00	
(6)	Supplying and fixing Micro-processor based electronic time ... 3-120 sec - setting, → 6NOX	1920	00	=	11520	00	
(7)	Supplying of 1.1 Kv - LT. UG. cable XLPE or Heat resistant - PVC ... PVC - extruded inner sheath armoured UG - LT. cable as per IS:						

M. A. R. 57 (Rule 116) No. E 371929

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth / Depth		
1	2	3	4	5 / 6	7	8
	(part-1) - as per specification of schedule-"B",				4 core-16 sq mm.	
	→	198 Mx	129=00	= 25542=00		
(7a)	3.5 core 25 sq mm →	100 Mx	178=00	= 17800=00		
(7b)	3.5 core 35 sq mm →	100 Mx	222=00	= 22200=00		
(8)	Labour charges for laying of 1.1 kV class UG cable in existing trench 6 sq mm to 16 sq mm					
	→	198 Mx	11=00	= 2178=00		
(8a)	25 to 35 sq mm →	200 Mx	15=00	= 3000=00		
(9)	Digging of trench of 0.65m deep x 0.50m wide - refilling the trech to the required ground level. AS-Civil-SR-ICSR B-1-2, P-7. In-soil. (ordinary					
	→	298 Mx	75=00	= 22350=00		

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
10,	Supplying tinned copper lugs, - 16 Sqmm						
	→	30NOx	12=00	=	360=00		
(10,a)	25 Sqmm Long Barrel →	20NOx	19=00	=	380=00		
(10b)	35 Sqmm Long Barrel →	20NOx	31=00	=	620=00		
(11)	Supplying and fixing 6 porcelain fuse out out on existing Panel - 32 Amps,						
	→	6NOx	171=00	=	1026=00		
(11a)	63Amps →	6NOx	220=00	=	1320=00		
(11b)	100 Amps →	5NOx	340=00	=	1700=00		
(12)	Supply and installation / Fixing / provision of pole box with HRC-/MCB-provision & suitable connector / terminal by 3ph/1ph. Conn.... enclosed in a thermoplastic poly styrene enclosure - Cable entry through - IP65, Thermoplastic - polyamide glands & in grommets. 200x200x98mm, →	10No x	1900=00	=	19000=00		

AEE (Elec)

M. A. R. 57 (Rule 116)
Measurement Book

No. E 371930

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions		Depth	Contents	Reference to last Measurement
			Length	Breadth			
1	2	3	4	5	6	7	8
13,	Supply of LED. Street light luminaire with pressure die cast alu housing body for optimal thermal dissipation, Lamp compartment comprising of anti glare - clear diffuser with injection moulded poly carbonate Material delivering Superior light output Rated life, Burning hours - 50,000 hr @ lumence maintenance of 70% ... Warranty of 2 yrs against any manufacturing defect Working under Standard electrical conditions as mentioned above should given by LED. Manufacturer & Cree / Nichia / Lumileds / Osram Make LED. Source LED. Street Light - 25 watts, etc complete Sanctioned by AEE (E&M)						
	→	24 NO	x 1800=00	=	43200=00		
4)	Supplying & Fixing LED. Fixture. 25 watts. 5700K	Driver - Suitable For Suitable For			5700 LED -	LC. LED - fitting	fitting outd
	→	100 NO	x 1165=00	=	1,16,500=00		

MEASUREMENT

Date	Full description, etc, of work	Dimensions				Contents	Remarks
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
(14a)	40W-5700K- Suitable for out-door- LED- Fitting-						
	→	18 Nos	x 1690=00	=	30420=00		
(15)	Supplying and fixing of T8- 36/40W- Fluorescent- Tube with 36W ite power consumption with intial lumen of 2950 (3000deg/lc/40000d with valid avg. life of greater than 10,000 hrs, Operating Vo from 180v to 265v 50 Hz. Ac- power Supply						
	→	8 Nos	x 52=00	=	416=00		
(15a)	Supplying and fixing of electronic Ballast Suitable for T8 lamp- in housing Made of pre-Coated steel /pc. as per Specification of Sched "B", 1x36/40 Watts,						
	→	8 Nos	x 372=00	=	2976=00		
(16)	Supplying and fixing of modular Switch & connected accessories in existing modular Sw- plate 6 amp- One way Switch.						
	→	8 Nos	x 69=00	=	552=00		

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Date	Full descrip
	32A DP
(1)	Supplyin existin
	Add-

M. A. R. 57 (Rule 116) No. E 371931
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions: Length	Dimensions: Breadth	Dimensions: Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
(16a) 17)	32A DP-switch, supplying and fixing moulded case circuit breaker (MCCB) over the existing wood/ panel Board, as per specifications of schedule-"B" (EC+ICS) 100 Amps, 25kA.	→ 10 Nox	180=00	= 1800=00			
		→ 4 Nox	4500=00	= 18000=00			
				= 503828=00			
				(+) 60459=00			
				Rs = 564287=00			

AEE (Ele.)

Add - GST - 12%.

MEASUREMENT

Date	Full description, etc. of work	Dimensions				Contents	
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
1)	JP-park. Ward No:- 17,	MCB SP	DP. TPN	Contr	Timer	UG-Cable. 16Sqmm	25Sq
		8	8	4	~~0~~ 6	6	198m 100m
		T-Box	LED	Driver 25W	40W	MCCB 100A	
		10	24	100	18	4	

Adjustments Details
IT 5643 = ∞
CGST 5038 = ∞
SGST 5038 = ∞
CSS 564 = ∞
FSD —
LC 5643 = ∞
FINE —
Scrap 8481 = ∞
TOTAL 30407 = ∞
Net Tot 533880 = ∞

Passed for Rs. 564287 = ∞
Net Cheque Rs. 533880 = ∞
Adjustment Rs. 30407 = ∞
Rupees Five lakh thirty three thousand Eight hundred Eighty only.
Accts Supd
RRNZ
BBMP

JE EE

AEE (Elg.)